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PATENT
600-1-287N

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICANT : Wolfgang Liedtke, et al.
SERIAL NO. : 10/027,828 EXAMINER : Unassigned
FILED : October 25, 2001 ART UNIT : 1642
FOR : VR-OAC, AN OSMOTICALLY ACTIVATED CHANNEL PROTEIN,
NUCLEIC ACIDS ENCODING IT, AND USES THEREOF

AUG 22 2002

TECH CENTER 1600/2900

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231 on August 15, 2002.

David A. Jackson, Reg. No. 26,742
(Name of Registered Rep.)

Martha Bussiness 8/15/02
(Signature and Date)

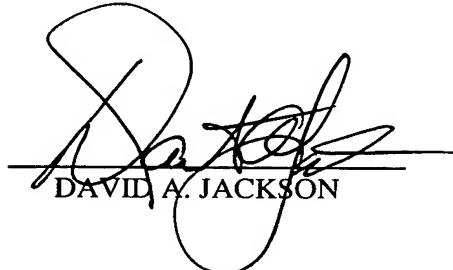
STATEMENT IN SUPPORT OF THE FILING/SUBMISSION OF A
NUCLEOTIDE/AMINO ACID SEQUENCE LISTING IN
ACCORDANCE WITH 37 CFR §1.821 - 1.825

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Dear Sir:

DAVID A. JACKSON, attorney of record, hereby states as follows:

1. I hereby state that the content of the paper and computer readable copies of the Sequence Listing submitted in accordance with 37 CFR §1.821(c) and (e), respectively, are the same.
2. I hereby state that the submission, filed in accordance with 37 CFR §1.821(g) herein does not include new matter.



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U.S. Patent and Trademark Office
Box Sequence
P.O. Box 2327
Arlington, VA 22202

Re: U.S. Patent Application

Applicant(s): Wolfgang Liedtke et al.
Title: VR-OAC, AN OSMOTICALLY ACTIVATED
CHANNEL PROTEIN, NUCLEIC ACIDS ENCODING
IT, AND USES THEREOF
Serial No.: 10/027,828
Filed: October 25, 2001
Docket No.: 600-1-287N

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the ASSISTANT COMMISSIONER OF PATENTS, WASHINGTON, DC 20231 on August 15, 2002.

David A. Jackson, Reg. No. 26,742
(Name of Registered Representative)

Matthew Bussmann 8/15/02
(Signature and Date)

SUBMISSION OF SEQUENCE LISTING

Sir:

Responsive to the Notice to File Missing Parts dated February 15, 2002, and in accordance with 37 CFR 1.821-1.825, Applicants submit herewith the following:

1. A paper copy of a Sequence Listing for insertion into the Application as filed at the end of the Specification and prior to the Claims.

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Docket No.:600-1-287N

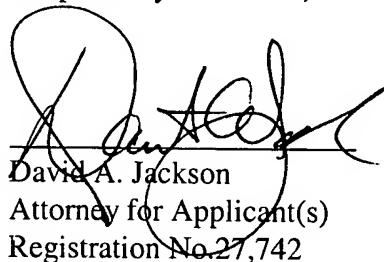
2. A copy of the Sequence Listing in computer readable form (ASCII text), submitted on a 3½" floppy disk compatible with IBM format.
3. A statement in support of the filing and submission of a Sequence Listing in accordance with 37 CFR 1.821 - 1.825.
4. A copy of the Notice to Comply with Requirements for Patent Applications containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures.

The time set for this response is August 15, 2002.

Applicants request favorable consideration and entry of the Sequence Listing submitted herewith and further and favorable processing of the present Application.

Applicants hereby authorize that any charges in addition to the above authorized that relate to the filing and processing of the present Application in accordance with 37 CFR 1.16 and 1.17 may be charged to Deposit Account No. 11-1153. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,



David A. Jackson
Attorney for Applicant(s)
Registration No. 27,742

DAJ/mb
Enclosures